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ABSTRACT

A luminescent organic material for light-emitting devices, in particular, for organic LEDs, having at 5 least one thietyl-S,S-dioxide unit obtained by functionalizing the sulfur of a thiophene ring. Inserting a thiophene ring functionalized with oxygen atoms in oligothiophenes of appropriate length and symmetry provides for maintaining or increasing 10 intrinsic quantum efficiency and for modulating the wavelength of the emitted light.